



STUDY OF ENVIRONMENTAL ARCTIC CHANGE

SEARCH

Study of Environmental Arctic Change

Science Steering Committee (SSC) eMeeting
19 August 2009

<http://www.arcus.org/SEARCH/index.php>

eMeeting Agenda

- Overall SEARCH Status
- Status of SEARCH Components: Observing, Understanding, Responding to Change
- State of the Arctic Conference
- Informational Items
 - Sea Ice Outlook
 - Understanding Change Workshop: 2010
 - International Study of Arctic Change (ISAC)
 - Sustained Arctic Observing Network (SAON)
 - Organization of Projects on Environmental Research in the Arctic (OPERA)
 - Arctic Environmental Change Program Network
 - SSC Membership





Wimba Interface

Slides will be shown here



Raise your hand to ask a question

List of all participants

Return to the Lobby or Exit

“Chat” with one person or the entire group



Slides, audio, and group chat will be archived

SEARCH Status Overview

- Overall SEARCH Status



Status of SEARCH Implementation Areas

- **Observing Change: Arctic Observing Network (AON)**
- Understanding Change and ARCSS/SEARCH Collaboration
- Responding to Change



Arctic Observing Network (AON)

Scientific planning

Science questions

ISAC Science
Questions 1-5

ISAC Science
Questions 5-9*

SEARCH Science
Questions 1-5, 7

SEARCH Science
Questions 3, 6, 7*

Themes & disciplines

Atmosphere

Terr'l
ecosystems

Hydrology/
cryosphere

Human
dimensions

Ocean/sea ice

Marine resources/
ecosystems

Paleo-
Environm't

Projects



Parsing, translation & guidance

ISAC Steering Group & Council
Interagency & international
coordination, Arctic-global
linkages

Interdisciplinary integration

Regional coordination

*SEARCH OCP & UCP, AON
PIs, IPMC*
Coordination of
measurement efforts (siting,
sampling rate, etc.),
interdisciplinary integration,
interagency coordination

Implementation & program design

*International overarching
coordination (iSAON, ?)*

*National implementation
efforts (SIW Report,
ArcticNet, DAMOCLES, ??)*

*International & national
working groups &
workshops (IABP, OceanObs
2009, CliC Sea Ice Working
Group, ??)*

*AON projects, Agency-driven
programs etc.*

Status of SEARCH Implementation Areas

- Observing Change: Arctic Observing Network (AON)
- **Understanding Change and ARCSS/SEARCH Collaboration**
- Responding to Change



Status of SEARCH Implementation Areas

- Observing Change: Arctic Observing Network (AON)
- Understanding Change and ARCSS/
SEARCH Collaboration
- **Responding to Change**



State of the Arctic Conference (III)

16–19 March 2010 • Miami, Florida

<http://soa.arcus.org/>

- Planning completed to-date
- Opportunities for input:
 - Products
 - Topics and sessions
 - Keynote speakers and lead science speakers
 - Other ideas



ARCSS



ArcticNet
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Informational Items (I)

- Sea Ice Outlook
 - 2009 Sea Ice Outlook underway:
<http://www.arcus.org/search/seaiceoutlook/index.php>
- Understanding Change Workshop: 2010
- International Study of Arctic Change (ISAC)
 - <http://www.arcticchange.org/>
 - http://www.arcticchange.org/isac2009/attachments/098_ISAC%20Science%20Plan%2030%20March%202009a.pdf
- Sustained Arctic Observing Network (SAON)
 - <http://www.arcticobserving.org/>



Informational Items (II)

NSF Program Solicitation: Organization of Projects on Environmental Research in the Arctic (OPERA)

- <http://www.nsf.gov/pubs/2009/nsf09599/nsf09599.htm>
- Seeks proposals for activities to foster and sustain collaboration among projects funded by NSF that contribute to the US arctic environmental change research effort.
- Components: (1) **Overall support of the US SEARCH effort**, (2) Leadership of the US portion of an **Arctic Observing Network**, (3) Leadership of efforts in **Understanding Arctic Change**, (4) Management of **Arctic Data**, (5) **Responding to Change** component of SEARCH



Informational Items (III)

- Arctic Environmental Change Program Network
- SSC Membership



Wrap-Up and Next Steps

- eMeeting archive and notes circulated after meeting
- Schedule next SSC meeting
- Other items



Thank You!



*A view of a glacier near Thule, Greenland.
Photo by John Sode (TREC 2005), Courtesy of ARCUS*

